

## **ABSTRACT**

An adaptive learning system and method (“ALS”) for optimized, automated learning is disclosed. The optimal sequencing method is adaptive in the sense that it continuously monitors a student’s speed and accuracy of response in answering a series of questions, performing a series of classification tasks, or performing a series of procedures, and modifies the sequencing of the items presented as a function of these variables. One goal of the technique is to teach the subject matter in the shortest possible time. The optimal sequencing method may be used independently or in conjunction with disclosed perceptual learning and hinting methods.

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